

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/486,536

DATE: 01/18/2000
TIME: 12:12:45

INPUT SET: S34484.raw

MATCH & RETURN

This Raw Listing contains the General
Information Section and up to the first 5 pages.

SEQUENCE LISTING

ENTERED

(1) General Information:

(i) APPLICANT: Andrew C. Hiatt, Floyd Rose

(ii) TITLE OF INVENTION: ENZYME CATALYZED TEMPLATE-
INDEPENDENT CREATION OF
PHOSPHODIESTER BONDS USING
PROTECTED NUCLEOTIDES

(iii) NUMBER OF SEQUENCES: 8

(iv) CORRESPONDENCE ADDRESS:

(A) ADDRESSEE: Lyon & Lyon
(B) STREET: 633 West Fifth Street
Suite 4700
(C) CITY: Los Angeles
(D) STATE: California
(E) COUNTRY: U.S.A.
(F) ZIP: 90071

(v) COMPUTER READABLE FORM:

(A) MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
storage
(B) COMPUTER: IBM Compatible
(C) OPERATING SYSTEM: IBM P.C. DOS 5.0
(D) SOFTWARE: Word Perfect 5.1

(vi) CURRENT APPLICATION DATA:

(A) APPLICATION NUMBER: 08/486,536
(B) FILING DATE:
(C) CLASSIFICATION:

(vii) PRIOR APPLICATION DATA:

(A) APPLICATION NUMBER: 08/300,484
(B) FILING DATE: September 1, 1994

(viii) ATTORNEY/AGENT INFORMATION:

(A) NAME: Guise, Jeffrey W.
(B) REGISTRATION NUMBER: 34,613

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47 (C) REFERENCE/DOCKET NUMBER: 207/145
48
49 (ix) TELECOMMUNICATION INFORMATION:
50
51 (A) TELEPHONE: (619) 552-8400
52 (B) TELEFAX: (619) 552-0159
53 (C) TELEX: 67-3510
54
55 (2) INFORMATION FOR SEQ ID NO: 1:
56
57 (i) SEQUENCE CHARACTERISTICS:
58
59 (A) LENGTH: 12
60 (B) TYPE: nucleic acid
61 (C) STRANDEDNESS: single
62 (D) TOPOLOGY: linear
63
64 (ix) FEATURE:
65
66 (D) OTHER INFORMATION: base number 12 is m7g
67
68
69 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
70
71 CCCCCCCCC CG 12
72
73
74
75 (2) INFORMATION FOR SEQ ID NO: 2:
76
77 (i) SEQUENCE CHARACTERISTICS:
78
79 (A) LENGTH: 19
80 (B) TYPE: nucleic acid
81 (C) STRANDEDNESS: single
82 (D) TOPOLOGY: linear
83
84 (ii) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
85
86 CCCCCCCCC CCCCCTGCA 19
87
88
89
90 (2) INFORMATION FOR SEQ ID NO: 3:
91
92 (i) SEQUENCE CHARACTERISTICS:
93
94 (A) LENGTH: 20
95 (B) TYPE: nucleic acid
96 (C) STRANDEDNESS: single
97 (D) TOPOLOGY: linear
98
99 (ii) SEQUENCE DESCRIPTION: SEQ ID NO: 3:

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100
101 CTGCAGGGGG GGGGGGGGGG 20
102
103
104
105
106
107
108
109
110 (2) INFORMATION FOR SEQ ID NO: 4:
111
112 (i) SEQUENCE CHARACTERISTICS:
113
114 (A) LENGTH: 9
115 (B) TYPE: nucleic acid
116 (C) STRANDEDNESS: single
117 (D) TOPOLOGY: linear
118
119 (ii) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
120
121 CCCCCCCCC 9
122
123
124 (2) INFORMATION FOR SEQ ID NO: 5:
125
126 (i) SEQUENCE CHARACTERISTICS:
127
128 (A) LENGTH: 9
129 (B) TYPE: nucleic acid
130 (C) STRANDEDNESS: single
131 (D) TOPOLOGY: linear
132
133 (ii) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
134
135 GGGGGGGGG 9
136
137
138 (2) INFORMATION FOR SEQ ID NO: 6:
139
140 (i) SEQUENCE CHARACTERISTICS:
141
142 (A) LENGTH: 5
143 (B) TYPE: nucleic acid
144 (C) STRANDEDNESS: single
145 (D) TOPOLOGY: linear
146
147 (ii) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
148
149 CTGCA 5
150
151 (2) INFORMATION FOR SEQ ID NO: 7:
152

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/486,536DATE: 01/18/2000
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153 (i) SEQUENCE CHARACTERISTICS:
154
155 (A) LENGTH: 9
156 (B) TYPE: nucleic acid
157 (C) STRANDEDNESS: single
158 (D) TOPOLOGY: linear
159

160 (ii) SEQUENCE DESCRIPTION: SEQ ID NO: 7:
161

162 CTGCATGCA

9

163

164

165 (2) INFORMATION FOR SEQ ID NO: 8:
166

166

167 (i) SEQUENCE CHARACTERISTICS:
168

168

169 (A) LENGTH: 10
170 (B) TYPE: nucleic acid
171 (C) STRANDEDNESS: single
172 (D) TOPOLOGY: linear
173

173

174 (ii) SEQUENCE DESCRIPTION: SEQ ID NO: 8:
175

175

176 CTGCATGCAG

10

177

178

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PAGE: 1

SEQUENCE VERIFICATION REPORT
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Line

Error

Original Text